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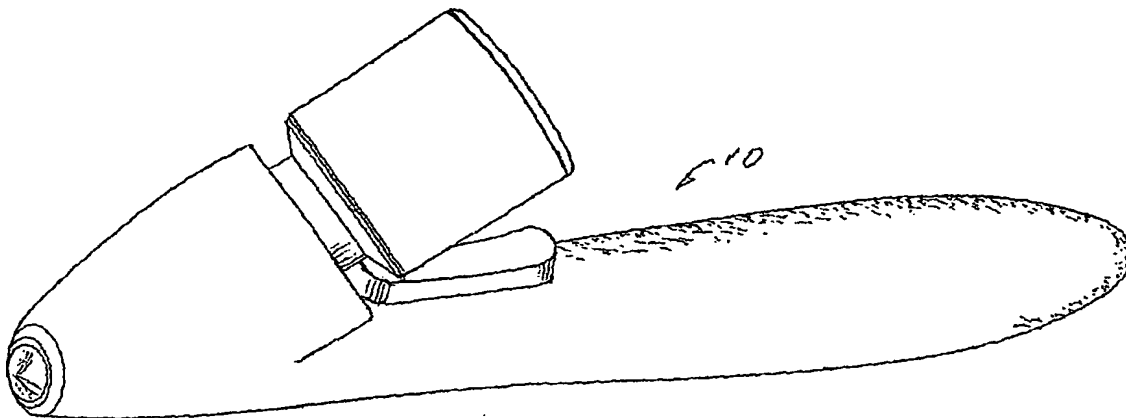
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(54) Title: **NEEDLESS INJECTORS**



(57) Abstract: A needleless injector generally includes a barrel having a proximal and a distal end and a bore therethrough along with an injection head disposed at the barrel distal end in fluid communication with the bore; an energy source is disposed at the barrel proximal end and a bolt may be disposed in said bore for reciprocating movement therein, from a first position to a second position for drawing medicament into the bore, the bolt being fitted in the bore in order to force medicament through the injection head upon movement of the bolt from the second to the first position. A mechanism is provided for activating the energy source in order to operate the bolt.

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